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PTO FAX NO: (703) 872-9206		Any Document No. 021072-081820US	
ATTENTION: Examiner Bennett Celso		Group Art Unit 1649	
TELEPHONE NO: (703) 305-7556			
<b>OFFICIAL COMMUNICATION</b> <b>FOR THE PERSONAL ATTENTION OF</b> <b>EXAMINER BENNETT CELSA</b>			
<b>CERTIFICATION OF FACSIMILE TRANSMISSION</b>			
I hereby certify that the following document(s) in re Application of NICHOLAS L. ABBOTT, et al., Application No. 09/037,844, filed August 10, 2000 for OPTICAL AMPLIFICATION OF MOLECULAR INTERACTIONS USING LIQUID CRYSTALS is being facsimile transmitted to the Patent and Trademark Office on the date shown below.			
<u>Document(s) Attached</u>			
1. Response to Election of Species 2. Fee Transmittal (in triplicate)			
Number of pages being transmitted, including this page: 11			
Date: April 5, 2002			
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Atty Docket No. 02307Z-085820US

PTO FAX NO.: (703) 872-9306

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TELEPHONE NO.: (703) 305-7556

Group Art Unit 1645

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Document(s) Attached

1. Response to Election of Species
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TELEPHONE NO.: (703) 305-7556

Group Art Unit 1645

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**EXAMINER BENNETT CELSA**

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I hereby certify that the following document(s) in re Application of NICHOLAS L. ABBOTT, et al., Application No. 09/637,844, filed August 10, 2000 for OPTICAL AMPLIFICATION OF MOLECULAR INTERACTIONS USING LIQUID CRYSTALS is being facsimile transmitted to the Patent and Trademark Office on the date shown below.

Document(s) Attached

1. Copy of Auto-Reply Facsimile Transmittal received from PTO 4/5/02;
2. Copies of Response to Election of Species and Fee Transmittal filed 4/5/02; and
3. Copy of fax report dated 4/5/02 confirming fax sent.

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Dated: October 3, 2002

  
Irene Rodas

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SF 1333428 v1

Atty Docket No. 02307Z-085820US

PTO FAX NO.: (703) 872-9306

ATTENTION: Examiner Bennett Celsa  
TELEPHONE NO.: (703) 305-7556

Group Art Unit 1645

**OFFICIAL COMMUNICATION**  
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**EXAMINER BENNETT CELSA**

**CERTIFICATION OF FACSIMILE TRANSMISSION**

I hereby certify that the following document(s) in re Application of NICHOLAS L. ABBOTT, et al., Application No. 09/637,844, filed August 10, 2000 for OPTICAL AMPLIFICATION OF MOLECULAR INTERACTIONS USING LIQUID CRYSTALS is being facsimile transmitted to the Patent and Trademark Office on the date shown below.

Document(s) Attached

1. Response to Election of Species
2. Fee Transmittal (in triplicate)

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Kathryn Deghantoni

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
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# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

## Complete If Known

Application Number 08/637,844  
 Filing Date August 10, 2000  
 First Named Inventor Abboll, Nicholas L.  
 Examiner Name Celsa, Bennett  
 Group Art Unit 1645  
 Attorney Docket No. 2307Z-085820US

TOTAL AMOUNT OF PAYMENT (\$) 55

## METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit  
Account  
Number

20-1430

Deposit  
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Name

Townsend and Townsend and Crew LLP

- ☒ Charge Any Additional Fee Required  
Under 37 CFR 1.16 and 1.17  
☒ Applicant claims small entity status.  
See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Credit card ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1) (\$)

### 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	-20** =	X	
Multiple Dependent Claims	-3** =	X	

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
103	18	203	9	Claims in excess of 20	
102	84	202	42	Independent claims in excess of 3	
104	280	204	140	Multiple dependent claim, if not paid	
109	84	209	42	** Reissue independent claims over original patent	
110	18	210	9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$)

\*\*or number previously paid, if greater: For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	820*	112	820*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	55
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
126	1,980	226	990	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
128	180	128	180	Submission of Information Disclosure Stmt.	
581	40	581	40	Recording each patent assignment per property (lines number of properties)	
148	740	248	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify)

The Commissioner is authorized to charge any additional fees to the above noted Deposit Account.

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$56)

## SUBMITTED BY

Name (Print/Type)

Jeffrey S. Mann

Registration No. (Attorney/Agent)

42,837

Telephone

415-576-0200

Signature

Date

April 5, 2002

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